

IMPACT CONSTRUCTION & PROJECTS NEWSLETTER

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Safety Spotlight:

Health Matters:

Environmental Responsibility:

Welcome to the sixth edition of Impacts' SHE Newsletter

Keeping our teams safe, healthy, and environmentally responsible is our top priority. In this edition, we focus on Unmanned Aerial Vehicles (UAV's).

01/04



Safety, Health & Environment
more in the next issue



Safety Spotlight:

Drones in the air:

UAV's can be very hazardous machines if not operated correctly.

Here are some factors that must be taken into account.

Safety Spotlight:

- **Maintain Line-of-Sight:** Always operate UAV's within visual range to avoid collisions and ensure rapid response in emergencies.
- **Respect Airspace Regulations:** Comply with SCAA guidelines and avoid restricted zones, especially near hospitals, airports, and emergency scenes.
- **Secure Payloads Properly:** Ensure medical equipment like AEDs are mounted securely to prevent mid-flight detachment or damage.
- **Tip:** Do NOT use a UAV if you do not hold a Remote Pilot Licence (RPL)

South African Civil Aviation Authority



SACAA is responsible for regulating and overseeing all aspects of civil aviation safety and security in South Africa.

It ensures compliance with both national legislation and international aviation standards, including those set by ICAO (International Civil Aviation Organization).

Their scope includes pilot licensing, aircraft certification, airspace management, UAV regulations, and aviation training oversight.

Environmental Responsibility:

Being Environmentally Friendly

People often think of flying as environmentally unfriendly, however, in the case of drones, not only do they save on emissions, they get to the patient quicker in remote settings.



Risk Assessment



Always perform a risk assessment before each flight (weather, obstacles, people, interference). It's not just best practice — it's part of demonstrating due diligence under aviation law.

Environmental Responsibility:

- **Low Carbon Footprint:** Electric UAV's produce minimal emissions compared to traditional emergency vehicles.
- **Reduced Road Congestion:** Aerial delivery reduces traffic buildup during emergencies, lowering fuel consumption and pollution.
- **Minimal Land Disruption:** UAV's require no roads or infrastructure, preserving natural terrain and reducing ecological disturbance.



Health Matters:

UAV's have health benefits also

Who would have thought that UAV's could have so much to offer matters pertaining to SHE

Health Matters:

- **Rapid AED Delivery:** UAV's can reach cardiac arrest victims faster than ground responders in remote or congested areas.
- **Reduced Exposure for Medics:** In hazardous zones (e.g., HAZMAT spills), UAV's can deliver supplies without risking human lives.
- **Support for Rural Clinics:** UAV's can transport medication, blood samples, or vaccines to isolated communities with limited access

If you would like to be considered for a RPL please contact your supervisor.

Management Message



Please enjoy using these new pieces of equipment. But also, take the responsibility seriously. They are NOT toys. They must be used only by qualified personnel. To be qualified you must successfully undertake the Remote Pilot Licence Course.

Stay Safe and Stay Informed!

04/04